

June 25, 2007

Mrs. Mary G. Korsnick
Vice President R. E. Ginna Nuclear Power Plant
R. E. Ginna Nuclear Power Plant, LLC
1503 Lake Road
Ontario, NY 14519

SUBJECT: R. E. GINNA NUCLEAR POWER PLANT - NRC EVALUATED EMERGENCY
PREPAREDNESS EXERCISE - INSPECTION REPORT NOS.
05000244/2007502

Dear Mrs. Korsnick:

On May 25, 2007, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection of your 2007 evaluated emergency preparedness exercise at your R. E. Ginna Nuclear Power Plant. The enclosed inspection report documents the inspection results, which were discussed on May 25, 2007, with you and other members of your staff.

The inspection examined activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

Based on the results of this inspection, no findings of significance were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure and your response (if any) will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

James M. Trapp, Chief
Plant Support Branch 1
Division of Reactor Safety

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Sincerely,

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James M. Trapp, Chief
Plant Support Branch 1
Division of Reactor Safety

SUNSI Review Complete: JMT (Reviewer's Initials)

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DATE	06/22/07		06/22/07		06/25/07				

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M. Korsnick

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Docket No: 50-244

License No: DPR-18

cc w/encl:

M. J. Wallace, President, Constellation Generation

J. M. Heffley, Senior Vice President and Chief Nuclear Officer

P. Eddy, Electric Division, NYS Department of Public Service

C. Donaldson, Esquire, Assistant Attorney General, New York Department of Law

C. W. Fleming, Esquire, Senior Counsel, Constellation Energy Group, Inc.

M. Balboni, Deputy Secretary, New York State Energy Research and Development Authority

J. Spath, Program Director, New York State Energy Research and Development Authority

T. Wideman, Director, Wayne County Emergency Management Office

M. Meisenzahl, Administrator, Monroe County, Office of Emergency Preparedness

T. Judson, Central New York Citizens Awareness Network

S. Kempf, Regional Director, DHS, Region II

Distribution w/encl: **(VIA E-MAIL)**

S. Collins, RA
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M. David, PM, NRR
B. Welling (Acting Branch Chief), DRP
K. Kolaczyk, DRP, Senior Resident Inspector
M. Marshfield, DRP, Resident Inspector
K. Kolek, DRP, Resident OA
R. Kahler, NSIR/EPD
S. LaVie, NSIR/EPD
Region I Docket Room (with concurrences)
ROPreports@nrc.gov
M. Gamberoni, DRS
J. Trapp, DRS
S. Barr, DRS

U. S. NUCLEAR REGULATORY COMMISSION REGION I

REGION I

Docket No: 50-244

License Nos: DPR-18

Report Nos: 05000244/2007502

Licensee: Constellation Energy, R.E. Ginna Nuclear Power Plant (Constellation)

Facility: R. E. Ginna Nuclear Power Plant (Ginna)

Location: Ontario, NY

Dates: May 21-25, 2007

Inspectors: S. Barr, Senior Emergency Preparedness Inspector, Region I (Lead)
G. Hunegs, FitzPatrick Senior Resident Inspector
R. Fernandez, Millstone Resident Inspector
A. Dimitriadis, Physical Security Inspector
R. Cureton, Emergency Preparedness Inspector (Observer)

Approved by: James M. Trapp, Chief
Plant Support Branch 1
Division of Reactor Safety

Enclosure

SUMMARY OF FINDINGS

IR 05000244/2007502; 05/21/2007 - 05/25/2007; R. E. Ginna Nuclear Power Plant; Exercise Evaluation; Emergency Action Level and Emergency Plan Changes; Emergency Preparedness Performance Indicators.

This was an announced inspection conducted by three region-based inspectors, the Fitzpatrick Senior Resident Inspector and a Millstone Resident Inspector. No findings of significance were identified. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-1649, "Reactor Oversight Process," Revision 4, dated December 2006.

Cornerstone: Emergency Preparedness

A. NRC-Identified and Self-Revealing Findings

No findings of significance were identified

B. Licensee-Identified Findings

None.

Report Details

1. REACTOR SAFETY

Cornerstone: Emergency Preparedness (EP)

1EP1 Exercise Evaluation (71114.01 - 1 Sample)

a. Inspection Scope

Prior to the exercise, an in-office review was conducted of the exercise objectives and scenario submitted to the NRC, to determine if the exercise would test major elements of the emergency plan as required by 10 CFR 50.47(b)(14). A description of the evaluation conducted by the NRC during the exercise is described below. Overall, this inspection activity represented the completion of one sample on a biennial cycle.

The exercise evaluation consisted of the following review and assessment:

- The adequacy of Ginna's performance in the biennial full-participation exercise regarding the implementation of the risk-significant planning standards (RSPS) in 10 CFR 50.47 (b)(4), (5), (9), and (10), which are emergency classification, offsite notification, radiological assessment, and protective action recommendations, respectively.
- The overall adequacy of Ginna's emergency response facilities with regard to NUREG-0696, "Functional Criteria for Emergency Response Facilities," and Emergency Plan commitments. The facilities assessed were the control room simulator, the Technical Support Center (TSC), the Operations Support Center (OSC), the Joint Emergency News Center (JENC), and the Emergency Operations Facility (EOF).
- Other performance areas, such as, the emergency response organization's (ERO's) recognition of abnormal plant conditions, command and control, intra- and inter-facility communications, prioritization of mitigation activities, utilization of repair and field monitoring teams, interface with offsite agencies, staffing and procedure adequacy, and the overall implementation of the emergency plan and its implementing procedures.
- Past performance issues from the last NRC exercise report and Ginna's drill reports to determine effectiveness of corrective actions as demonstrated during this exercise to ensure compliance with 10 CFR 50.47(b)(14).
- The post-exercise critiques to evaluate Ginna's self-assessment of its ERO performance during the exercise and to ensure compliance with 10 CFR 50, Appendix E, Paragraph IV.F.2.g.

The inspectors reviewed the documents listed in Attachment 1 to this report.

b. Findings

No findings of significance were identified.

Enclosure

1EP4 Emergency Action Level (EAL) and Emergency Plan Changes

a. Inspection Scope (71114.04 - 1 Sample)

Since the last NRC inspection of this program area, Emergency Plan Revision 26 was implemented based on your determination, in accordance with 10 CFR 50.54(q), that the changes resulted in no decrease in effectiveness of the Plan, and that the revised Plan continued to meet the requirements of 10 CFR 50.47(b) and Appendix E to 10 CFR 50. The inspectors conducted a sampling review of the Emergency Plan changes, and changes to the lower-tier emergency plan implementing procedures, to evaluate for potential decreases in effectiveness of the Emergency Plan. However, this review was not documented in a Safety Evaluation Report and does not constitute formal NRC approval of the changes. Therefore, these changes remain subject to future NRC inspection in their entirety.

b. Findings

No findings of significance were identified.

4. **OTHER ACTIVITIES (OA)**

4OA1 Performance Indicator (PI) Verification (71151- 3 Samples)

a. Inspection Scope

The inspectors reviewed data for the Ginna EP PIs which are: (1) Drill and Exercise Performance (DEP); (2) ERO Drill Participation; and (3) Alert and Notification System (ANS) Reliability. The last EP inspection at Ginna was in the second quarter of 2006, so the inspectors reviewed supporting documentation from drills and tests from the second, third and fourth quarters of 2006, and the first quarter of 2007, to verify the accuracy of the reported PI data. The review of these performance indicators was conducted in accordance with NRC Inspection Procedure 71151. The acceptance criteria used for the review were 10 CFR 50.9 and NEI 99-02, Revision 4, "Regulatory Assessment Performance Indicator Guidelines."

The Ginna first quarter 2007 Emergency Response Organization Drill Participation PI had turned Yellow, and the licensee recognized that the DEP PI data also had been affected. The NRC will perform a supplemental inspection later in the year to assess the root cause and licensee corrective actions in regard to these PIs.

This inspection activity represented the completion of three samples on an annual cycle.

b. Findings

No findings of significance were identified.

40A6 Meetings, including Exit

On May 25, 2007, the inspectors presented the inspection results to Mrs. Mary Korsnick, Ginna Vice President, and other members of the licensee's staff. No proprietary information was provided to the inspectors during this inspection.

ATTACHMENT

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee Personnel

Sherri Kennedy, Ginna Emergency Preparedness Manager
Peter Polfleit, Ginna Emergency Preparedness Coordinator

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

None

LIST OF DOCUMENTS REVIEWED

Section 1EP1: Exercise Evaluation

Ginna Station Nuclear Emergency Response Plan, Revision 26
Ginna Station Emergency Plan Implementing Procedures
Ginna 2007 Evaluated Exercise Scenario and Evaluation Guide
Ginna ERO Drill Evaluation Report - First Quarter 2006
Ginna ERO Drill Evaluation Report - Second Quarter 2006
Ginna ERO Drill Evaluation Report - Third Quarter 2006
Ginna ERO Drill Evaluation Report - Fourth Quarter 2006
Ginna ERO Drill Evaluation Report - First Quarter 2007
Ginna ERO Drill Evaluation Report - Second Quarter 2007
Ginna ERO Drill Evaluation Report - NRC Evaluated Exercise Conducted May 22, 2007

Section 1EP4: Emergency Action Level and Emergency Plan Changes

Ginna Station Procedure No. A-205.2, Emergency Plan Implementing Procedures, Rev. 24

The revisions made to, and the 10 CFR 50.54(q) evaluations for, the following procedures:

Ginna Station Nuclear Emergency Response Plan, Revision 26
Emergency Plan Implementing Procedure (EPIP) 1-0, Event Evaluation and Classification, Rev. 38
EPIP 1-5, Notifications, Rev. 74
EPIP 1-18, Discretionary Actions for Emergency Conditions, Rev. 14
EPIP 2-1, Protective Action Recommendations, Rev. 25
EPIP 2-16, Core Damage Estimation, Rev. 15
EPIP 3-1, Emergency Operations Facility (EOF) Activation and Operations, Rev. 33
EPIP 4-10, Silent Testing of the Ginna Sirens From the County Activation Points, Rev. 11
EPIP 4-11, Activation of the Ginna Sirens From the County Activation Points, Rev. 5

Section 4OA1: Performance Indicator Verification

Drill/Exercise Performance Indicator Data, April 2006 - March 2007

ERO Drill Participation Performance Indicator Data, April 2006 - March 2007

ANS Reliability Performance Indicator Data, April 2006 - March 2007

LIST OF ACRONYMS

ANS	Alert and Notification System
CFR	Code of Federal Regulations
DEP	Drill and Exercise Performance
ERO	Emergency Response Organization
EOF	Emergency Operations Facility
EP	Emergency Preparedness
ERO	Emergency Response Organization
IR	Incident Report
NRC	Nuclear Regulatory Commission
OSC	Operations Support Center
PI	Performance Indicator
RSPS	Risk Significant Planning Standard
TSC	Technical Support Center